



EL485678097

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICATION FOR LETTERS PATENT

\* \* \* \* \*

**SEMICONDUCTOR PROCESSOR SYSTEMS,  
SYSTEMS CONFIGURED TO PROVIDE A  
SEMICONDUCTOR WORKPIECE PROCESS  
FLUID, SEMICONDUCTOR WORKPIECE  
PROCESSING METHODS, METHODS OF  
PREPARING SEMICONDUCTOR WORKPIECE  
PROCESS FLUID, AND METHODS OF  
DELIVERING SEMICONDUCTOR WORKPIECE  
PROCESS FLUID TO A SEMICONDUCTOR  
PROCESSOR**

\* \* \*

**E<sup>\*</sup>08543186<sup>\*</sup>5**

INVENTORS

SCOTT E. MOORE  
SCOTT G. MEIKLE  
MAGDEL CRUM

RECEIVED  
MAY 13 2003  
3700 MAIL ROOM

ATTORNEY'S DOCKET NO. MI22-1246

1 SEMICONDUCTOR PROCESSOR SYSTEMS, SYSTEMS  
2 CONFIGURED TO PROVIDE A SEMICONDUCTOR WORKPIECE  
3 PROCESS FLUID, SEMICONDUCTOR WORKPIECE PROCESSING  
4 METHODS, METHODS OF PREPARING SEMICONDUCTOR  
5 WORKPIECE PROCESS FLUID, AND METHODS OF DELIVERING  
6 SEMICONDUCTOR WORKPIECE PROCESS FLUID TO A  
7 SEMICONDUCTOR PROCESSOR

EY085431865

8 RELATED PATENT DATA

9 The present application is a continuation-in-part of Patent  
10 Application Serial No. 09/324,737 which was filed on June 3, 1999 and  
11 which is incorporated by reference herein.

12 TECHNICAL FIELD

13 The present invention relates to semiconductor processor systems,  
14 systems configured to provide a semiconductor workpiece process fluid,  
15 semiconductor workpiece processing methods, methods of preparing  
16 semiconductor workpiece process fluid, and methods of delivering  
17 semiconductor workpiece process fluid to a semiconductor processor.

18 BACKGROUND OF THE INVENTION

19 Numerous semiconductor processing tools are typically utilized  
20 during the fabrication of semiconductor devices. One such common  
21 semiconductor processor is a chemical-mechanical polishing (CMP)  
22 processor. A chemical-mechanical polishing processor is typically used  
23 to polish or planarize the front face or device side of a semiconductor  
24 wafer. Numerous polishing steps utilizing the chemical-mechanical

RECEIVED  
MAY 13 2003  
TC 3700 MAIL ROOM